

(19) World Intellectual Property Organization  
International Bureau



507,194  
Rec'd PCT/PTO 09 SEP 2004



(43) International Publication Date  
18 September 2003 (18.09.2003)

PCT

(10) International Publication Number  
WO 03/077234 A1

(51) International Patent Classification<sup>7</sup>: G10L 15/18

(21) International Application Number: PCT/IB03/00890

(22) International Filing Date: 10 March 2003 (10.03.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
102 11 777.2 14 March 2002 (14.03.2002) DE

(71) Applicant (for DE only): PHILIPS INTELLECTUAL  
PROPERTY & STANDARDS GMBH [DE/DE]; Stein-  
damm 94, 20099 Hamburg (DE).

(71) Applicant (for all designated States except DE, US):  
KONINKLIJKE PHILIPS ELECTRONICS N.V.  
[NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven  
(NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PANKERT,

Matthias [BE/DE]; c/o Philips Intellectual Property  
& Standards GmbH, Weissshausstr. 2, 52066 Aachen  
(DE). SCHMALD, Reimund [DE/DE]; c/o Philips In-  
tellectual Property & Standards GmbH, Weissshausstr. 2,  
52066 Aachen (DE). MARSCHNER, Jens, Friedemann  
[DE/DE]; c/o Philips Intellectual Property & Standards  
GmbH, Weissshausstr. 2, 52066 Aachen (DE).

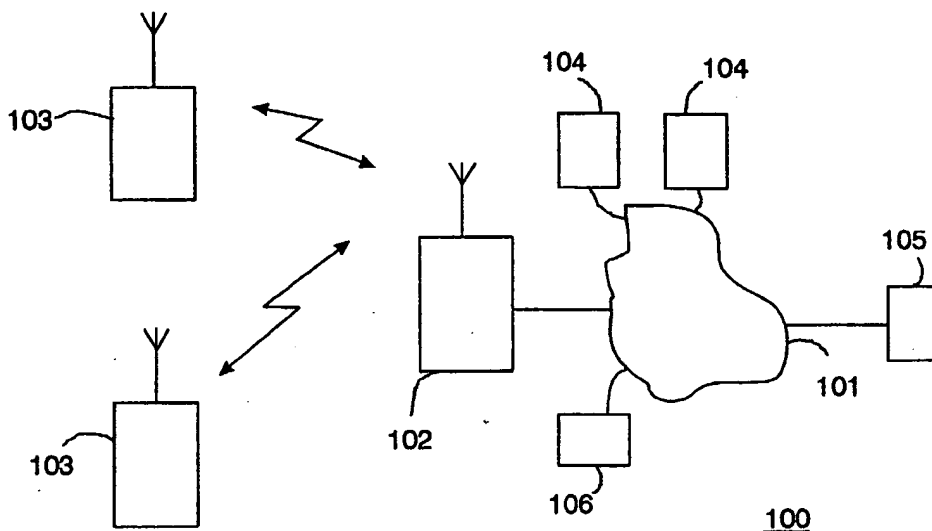
(74) Agent: VOLMER, Georg; Philips Intellectual Property &  
Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,  
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,  
VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: TEXT MESSAGE GENERATION



(57) Abstract: The invention relates to a method of generating text messages. In order to make the generation of text messages as convenient and efficient as possible for a user, the following steps are proposed: - processing of speech input containing message elements by means of grammar-based speech recognition procedures; - processing of speech input by means of speech model-based speech recognition procedures, either in parallel with processing by means of grammar-based speech recognition or once a recognition result has been obtained by means of the grammar-based speech recognition procedures which is not of a predefined quality; - generation of a text message using the recognition results produced by means of the grammar-based and/or speech model-based speech recognition procedures

WO 03/077234 A1